

## Abstract

**METHOD FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE**

5 The invention takes account of the residual gas exiting  
from the cylinder in order to reliably determine the air  
mass drawn in. To this end, the dependency of the air mass  
drawn in on the intake pressure is divided into three ar-  
eas, from which the average area is modeled as a non-linear  
10 dependency of the air mass drawn in on the intake pressure.